

# MATERIALS COLLECTING APPARATUS WITH WEIGHING AND VACUUM SUCKING FUNCTIONS

## ABSTRACT

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A material collecting apparatus includes a frame with an upper supporting panel, weighing device sets hung on the panel, barrels hung on a respective weighing device set, dust collectors above a respective barrel, drawing devices connected with a respective one of the dust 10 collectors for providing sucking force, feeding conduits connected with a respective one of the barrels, a material tank having separate compartments for containing different materials therein, and control valves each having a conduit; the feeding conduits are connected with first ends of respective plural ones of the control valve conduits while 15 the control valve conduits are connected with a respective compartment at second ends; thus, different dry materials can be conveyed from the compartments into the barrels, and collected according to respective intended weights of the materials when the apparatus is in operation; the dust collectors prevent the materials from passing out of the barrels.

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